

TECURS MK209

TECURS MK209 75% Gasket Tri-Mode Wireless Mechanical Keyboard User Manual

Model: MK209

1. INTRODUCTION

Thank you for choosing the TECURS MK209 75% Gasket Tri-Mode Wireless Mechanical Keyboard. This keyboard is designed for versatility and performance, offering three connection modes, customizable RGB lighting, hot-swappable switches, and a comfortable typing experience. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal use of your device.

2. PACKAGE CONTENTS

Please check the package contents upon unboxing:

- TECURS MK209 Mechanical Keyboard
- USB-C Cable
- Keycap Puller
- Switch Puller
- User Manual



Figure 2.1: Unboxing the TECURS MK209 keyboard, revealing the keyboard and included accessories.

3. PRODUCT OVERVIEW

The TECURS MK209 is a 75% layout mechanical keyboard featuring an AZERTY FR layout. It incorporates a gasket-mount design for a comfortable and quiet typing experience. Key features include:

- **Tri-Mode Connectivity:** Supports 2.4GHz wireless, Bluetooth 5.0, and wired USB-C connections.
- **Hot-Swappable Switches:** Compatible with 3-pin and 5-pin switches, allowing for easy switch replacement without soldering. Comes with pre-lubricated red linear switches.
- **Gasket Mount Design:** Integrated silicone dampener and PCB plate for a soft, bouncy, and quiet typing feel.
- **Dynamic RGB Backlighting:** 16.8 million customizable colors with various lighting effects.
- **PBT Keycaps:** Durable PBT keycaps with side-printed legends for enhanced longevity and aesthetics.
- **Multi-function Knob:** Controls volume, media playback, and RGB lighting effects.
- **Long Battery Life:** 4000 mAh battery providing over 200 hours of continuous use with RGB off.

TECURS 75% CLAVIER MÉCANIQUE GAMING

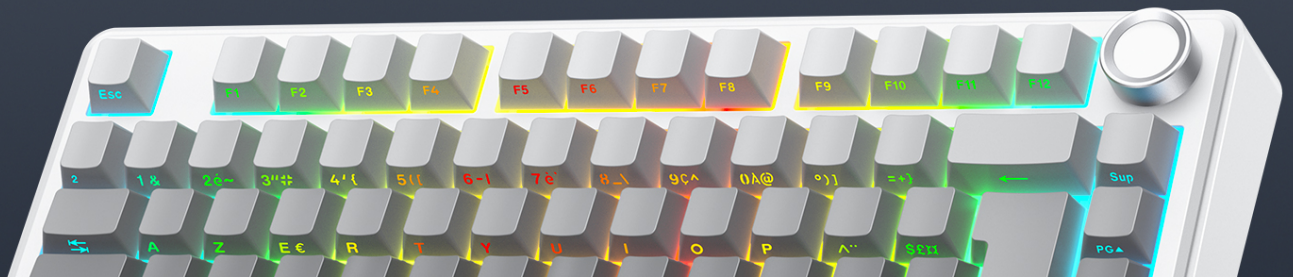


Figure 3.1: Key features of the TECURS MK209 keyboard.

TOUCHES EUROPÉENNES



TECURS



AUTRES



Figure 3.2: European AZERTY key layout.



Figure 3.3: Hot-swappable switch design.



Figure 3.4: Gasket mount structure diagram.

4. SETUP

The TECURS MK209 keyboard offers three connection methods: 2.4GHz wireless, Bluetooth 5.0, and wired USB-C. Choose the method that best suits your needs.

4.1 Wired USB-C Connection

1. Locate the USB-C port on the keyboard (usually on the top edge).
2. Connect one end of the provided USB-C cable to the keyboard.
3. Connect the other end of the USB-A connector to an available USB port on your computer.
4. The keyboard will be automatically recognized and ready for use.

4.2 2.4GHz Wireless Connection

1. Locate the 2.4GHz USB receiver (dongle) in the keyboard's storage slot or packaging.
2. Plug the USB receiver into an available USB port on your computer.
3. On the keyboard, switch the mode selector to **2.4G** (often indicated by a wireless icon).
4. The keyboard should connect automatically. If not, press **Fn + R** to initiate pairing.

4.3 Bluetooth 5.0 Connection

The keyboard supports connecting to up to three Bluetooth devices.

1. On the keyboard, switch the mode selector to **BT** (Bluetooth).
2. To enter pairing mode for a specific channel, press and hold **Fn + Q**, **Fn + W**, or **Fn + E** for 3-5 seconds until the indicator light flashes rapidly.
3. On your device (PC, laptop, tablet, smartphone), enable Bluetooth and search for new devices.
4. Select "TECURS MK209" (or similar name) from the list of available devices.
5. Once paired, the indicator light will stop flashing. You can switch between paired Bluetooth devices by pressing **Fn + Q**, **Fn + W**, or **Fn + E** briefly.



Figure 4.1: Tri-mode connectivity options.

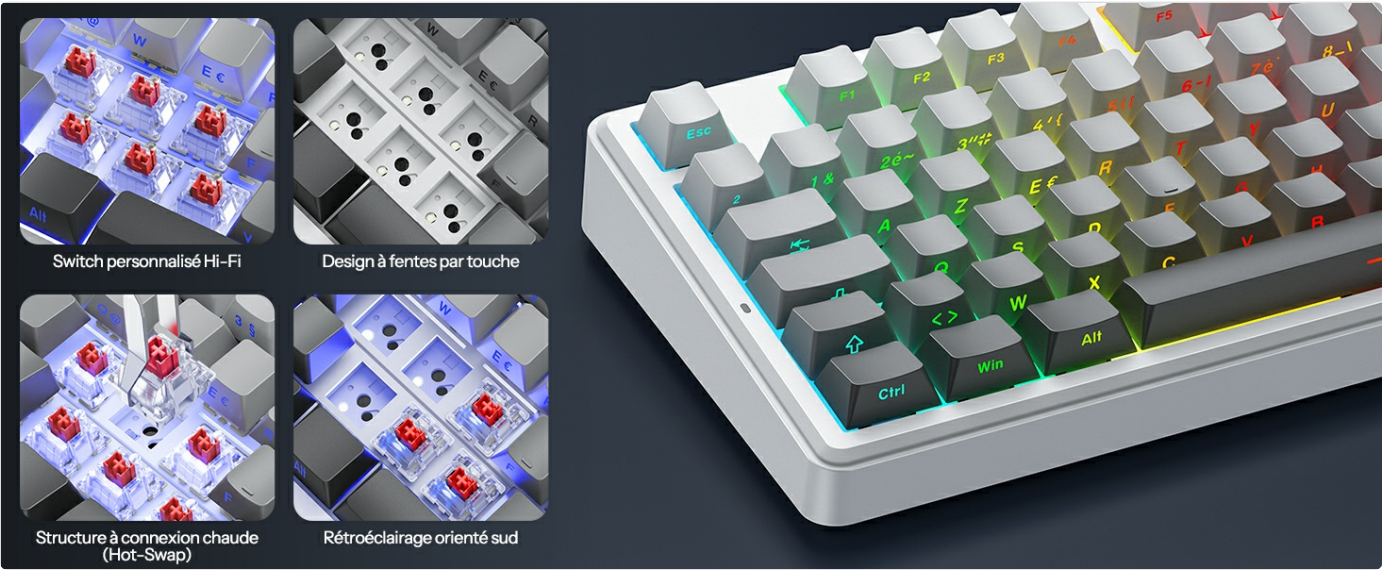


Figure 4.2: Connectivity ports and mode switch.

5. OPERATING INSTRUCTIONS

5.1 Basic Keyboard Functions

- **Power On/Off:** Use the switch located on the side/back of the keyboard.
- **Charging:** Connect the USB-C cable to the keyboard and a power source. The indicator light will show charging status.
- **N-Key Rollover:** The keyboard supports N-key rollover, ensuring all key presses are registered accurately during rapid typing or gaming.

5.2 Multi-function Knob

The knob has two modes: Office Mode and Gaming Mode. Long-press the knob for 5 seconds to switch between modes.

Table 5.1: Multi-function Knob Operations

Mode	Action	Function
	Rotate Clockwise	Volume Up

Mode	Action	Function
Office Mode	Rotate Counter-clockwise	Volume Down
	Press	Mute/Unmute Audio
Gaming Mode	Rotate Clockwise	Increase RGB Brightness (CAPS key flashes at maximum)
	Rotate Counter-clockwise	Decrease RGB Brightness (CAPS key flashes at minimum)
	Press	Cycle through 17 RGB Lighting Effects



Figure 5.1: Multi-function knob operations.

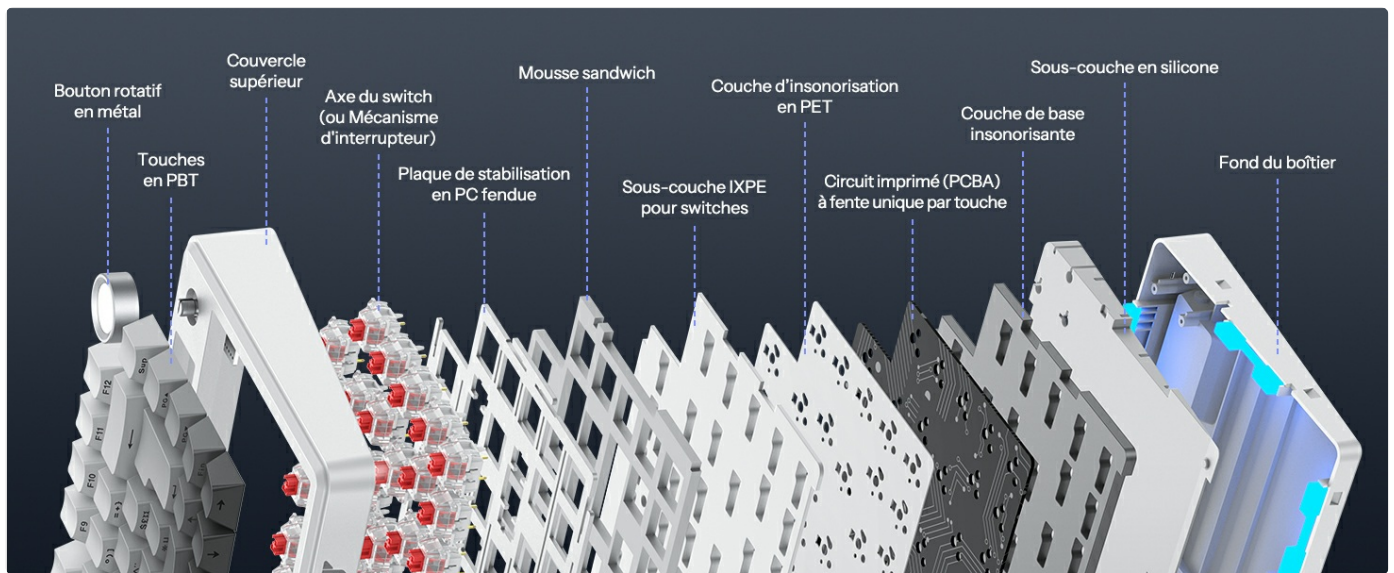


Figure 5.2: Switching between knob modes.

5.3 RGB Backlighting Control

The keyboard offers extensive RGB customization.

- Press **Fn + Right Arrow** to change the RGB backlight mode.
- Press **Fn + Left Arrow** to change the RGB backlight color.
- Brightness and effect cycling can also be controlled via the multi-function knob in Gaming Mode.

16,8 MILLIONS DE COULEURS D'ÉCLAIRAGE RGB



Changer le mode de rétroéclairage



Changer la couleur de rétroéclairage

Figure 5.3: RGB lighting control.

6. CUSTOMIZATION

6.1 Hot-Swappable Switches

The keyboard features hot-swappable sockets, allowing you to change switches without soldering. This supports both 3-pin and 5-pin mechanical switches.

1. Use the provided switch puller to carefully remove the existing switch. Grip the switch firmly and pull straight up.
2. Align the pins of the new switch with the holes on the PCB. Ensure the pins are straight.
3. Gently press the new switch into place until it clicks. Do not force it.
4. Test the new switch to ensure it functions correctly.



Figure 6.1: Hot-swappable switch mechanism.

6.2 Software Customization

For advanced customization, including macro programming, RGB effects, and key remapping, download the dedicated software from the TECURS website. **Note: The software is compatible only with Windows operating systems and requires the keyboard to be connected via wired USB-C mode for configuration.**

- **Download Link:** <https://www.tecurs.com/download/>
- **Macro Programming:** Assign custom macros to any key.
- **RGB Customization:** Access 16.8 million colors and synchronize lighting effects with music.
- **Key Remapping:** Reassign key functions as needed.



Figure 6.2: Software customization interface.

7. MAINTENANCE

Proper maintenance ensures the longevity and performance of your keyboard.

- **Cleaning Keycaps:** Use the provided keycap puller to remove keycaps. Clean them with a soft cloth dampened with mild soap and water. Ensure they are completely dry before reattaching.
- **Cleaning the Keyboard Body:** Wipe the keyboard body with a soft, dry, or slightly damp cloth. Avoid excessive moisture.

- **Dust Removal:** Use compressed air to remove dust and debris from between the keycaps and switches.
- **Storage:** Store the keyboard in a dry, cool place away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

If you encounter issues with your TECURS MK209 keyboard, refer to the following common solutions:

Table 8.1: Troubleshooting Guide

Problem	Possible Cause	Solution
Keyboard not responding (wired)	Loose cable connection, faulty USB port.	Ensure USB-C cable is securely connected. Try a different USB port or cable.
2.4GHz wireless not connecting	Receiver not plugged in, keyboard in wrong mode, low battery.	Ensure 2.4GHz receiver is plugged in. Switch keyboard to 2.4G mode. Press Fn + R to re-pair. Charge the keyboard.
Bluetooth not connecting/pairing	Keyboard not in pairing mode, device Bluetooth off, interference, low battery.	Switch keyboard to BT mode. Long-press Fn + Q/W/E to enter pairing. Ensure device Bluetooth is on. Move closer to the device. Charge the keyboard.
RGB lighting not working or stuck	Software glitch, incorrect settings, low battery.	Try cycling through RGB modes with Fn + Right Arrow or the knob. Adjust brightness. Ensure keyboard is charged. Restart the keyboard.
Keys not registering or double-typing	Faulty switch, debris under keycap.	Remove keycap and switch, clean the socket. Replace the switch if necessary (hot-swappable feature).
Software not detecting keyboard	Keyboard not in wired mode, software not installed correctly.	Ensure keyboard is connected via USB-C cable and is in wired mode. Reinstall the software.

9. SPECIFICATIONS

Table 9.1: Product Specifications

Feature	Detail
Model Number	MK209
Layout	75% (81 keys), AZERTY FR
Connectivity	2.4GHz Wireless, Bluetooth 5.0, USB-C Wired
Switches	Red Linear Mechanical Switches (Hot-swappable, 3/5-pin compatible)
Keycaps	PBT with Side Legends
Backlighting	RGB (16.8 million colors)
Battery Capacity	4000 mAh

Feature	Detail
Polling Rate	1000 Hz
N-Key Rollover	Supported
Compatible Devices	PC, Game Consoles (PlayStation, Xbox), Laptops, Tablets, Smartphones
Compatible OS	Windows, macOS (software only for Windows)
Material	Plastic (with aluminum accent)
Origin	China

10. WARRANTY AND SUPPORT

TECURS products come with a standard warranty. For specific warranty details and duration, please refer to the documentation included with your purchase or contact TECURS customer support.

If you require further assistance or have questions not covered in this manual, please contact TECURS customer support through their official website or the retailer where you purchased the product.

- **Official Website:** <https://www.tecurs.com>
- **Software Download:** <https://www.tecurs.com/download/>

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question